# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Tuesday 15 Sep 2020 until 23:59 on Wednesday 16 Sep 2020

Forecast Issued on Tuesday 15 Sep 2020 at 03:22

**Confidence:** High for mostly fine conditions Tuesday, and also for cooler conditions to move in on Wednesday. Details regarding cloud amounts and also extent of mist and fog is low confidence. High confidence for benign conditions thereafter, and also for a fresh easterly wind to develop.

**Headline for Tuesday 15 Sep 2020:** Fine with good sunny spells. A little cloudier later, with perhaps the odd shower.

**Mountain weather hazards on Tuesday 15 Sep 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Low Likelihood

**Thunderstorms**
Low Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
Medium Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Partly cloudy (night) | Sunny | Sunny intervals | Sunny intervals | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 00% | 00% | <05% | 10% | 20% | 10% |

**Forecast for Tuesday 15 Sep 2020**

**Weather:** A fine, warm day with good spells of sunshine. Cloud will thicken a little through afternoon, but remain clear of all tops. Most routes staying dry, but a chance of very isolated showers through the late afternoon or evening, perhaps thundery.

**Chance of cloud free mountain/hill tops above 600m:** 100% throughout, with any cloud well above the tops. Some mist patches possible in valleys at first, but quickly clearing.

**Visibility:** Good views from the tops, but likely rather hazy at times, limiting the clarity of distant hills.

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# Mountain Weather Forecast

**Forecast for Tuesday 15 Sep 2020**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/11 S | 11/14 SE | 6/9 S | 5/7 SW | 5/8 S | 7/10 SW | 6/9 SW |
| **300** | 3/6 SE | 4/9 SE | 4/7 SE | 4/7 W | 3/5 N | 4/8 SW | 4/7 NW |
| **Valley** | 5/7 E | 4/8 E | 3/7 SW | 4/8 W | 4/7 SW | 4/7 NW | 3/5 NW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 19/17 | 20/18 | 21/20 | 20/20 | 18/18 | 17/16 | 15/15 |
| **300** | 20/20 | 21/21 | 22/23 | 22/23 | 21/22 | 18/18 | 16/16 |
| **Valley** | 18/17 | 21/21 | 23/24 | 23/24 | 20/21 | 18/18 | 16/16 |
| **Freezing Level*** | 2700m | 3000m | 3300m | 3400m | 3400m | 3400m | 3300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Despite fine, warm and often bright conditions, it will still be worth taking a waterproofs just in case you get caught in a late shower. Feeling rather humid.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Tue 15 Sep 2020 | 0mm | 0.6mm | 0.8mm |

**Forecast for Wednesday 16 Sep 2020**

**Weather:** A rather dull start, with mist and fog likely across some lower levels, and cloud spreading south early morning obscuring some northern tops. Perhaps staying clearer in the south and east. Mist and fog clearing through the morning, with some brighter or sunny spells developing for all. Further cloud then spreading south across most hills, bringing an increasing risk of drizzle from late afternoon onward. Noticeably cooler than Tuesday.

**Maximum wind:** Northwesterly 10-15mph, becoming Northeasterly 15-20mph with gusts 25-30mph by the afternoon.

**Chance of cloud free mountain/hill tops above 600m:** 30% during the morning, with valley fog and also low cloud obscuring northern hills above 400m. The best chances in the southeast. Becoming 80% by the early afternoon, but soon falling to 40% during the evening as cloud thickens and spreads south, obscuring tops above 500m

**Visibility:** Periods of poor visibility are likely, especially at first and late in the day, with views very limited on the tops but also through some valleys. Some good views are likely, mainly late morning or early afternoon, before low cloud returns.

**Temperature:** **Valleys:** Plus 12 Celsius becoming Plus 16 Celsius
**At 600m:** Plus 12 Celsius
**Freezing level:** Above the summits.

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